



Issues for Potential Consideration by the National Pollution Prevention and Toxics Advisory Committee

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Overview of Potential Issue Areas

- The High Production Volume Challenge Program (Q1a-f)
- Risk Assessment/Risk Management of Existing Chemicals (Q2)
- New Chemicals Program (Q3)
- Pollution Prevention (Q4)
- Partnerships with States/Tribes (Q5)
- Future Directions for OPPT (Q6)

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HPV Challenge Program (Q1)

- History
 - 1997-1998 data availability studies
 - 1998 EPA – 43% of HPVs w/o hazard data publicly available
- Prompted HPV Challenge Program
 - Challenged industry to come forward with existing data or generate the data

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HPV Challenge Program (Q1)

- HPV Chemicals Sponsored (October, 2003)
 - 334 companies, 98 consortia and 2,167 chemicals committed
 - 249 submissions (1,081 chemicals) posted on EPA website
- Content of a Submission
 - Test Plan and/or Robust Summaries
 - Single Chemicals or Category

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HPV Challenge Program (Q1)

- Basic data consists of the Screening Information Data Set (SIDS):
 - Physicochemical properties
 - Environmental fate
 - Ecotoxicity
 - Human health effects (based on animal studies)
- Non-SIDS information, if available, is also included in an HPV submission

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HPV Challenge Program (Q1)

Six subquestions:

- a. Prioritizing the data
- b. How to obtain additional data if needed
- c. Making the data available and useful to technical audiences
- d. Communicating data and data evaluation results to the public
- e. Evaluating the category approach used in the Program
- f. HPV chemicals not in the Challenge Program

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Prioritizing the HPV Hazard Data (Q1a)

We are seeking advice on the key elements to be considered in the development, piloting, and implementation of a screening process for prioritizing chemicals for further action, including tools or models that could be used

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Obtaining Additional Needed Data (Q1b)

We are seeking advice on the best ways to obtain additional hazard data and use and exposure information on those HPV chemicals identified as a priority

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Making HPV Data Available and Useable (Q1c)

We are seeking advice on ways to make HPV data more accessible and usable to technical audiences:

- HPV database
- Characteristics of a “toolbox”

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Communicating Data and Evaluation Results (Q1d)

We are seeking advice on how we...

- interpret the hazard data – and any available use and exposure information - to provide an integrated assessment of potential risks
- make the hazard/risk information meaningful to the lay public
- best communicate pollution prevention and risk mitigation options

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Evaluating the Category Approach (Q1e)

We are seeking your advice on currently used approaches and other potential approaches that could enhance the application of categories in the HPV Program

- 86% of the HPV submissions to date are part of a category
- The approach has been useful for:
 - Minimizing animal testing and
 - Reducing economic burden to industry

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HPV Chemicals Beyond the Challenge Program (Q1f)

We are seeking advice on how HPV chemicals not covered under the HPV Challenge should be addressed

- HPV Challenge is based on 1990 IUR data
 - Chemicals not sponsored
 - HPVs from 1994, 1998, or 2002 IUR reporting cycles

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OPPT Priority HPV Questions

OPPT views the following three HPV questions priorities for input from the NPPTAC in the near term

- Prioritizing the HPV data (Q1a)
- Making the data available and useable to technical audiences (Q1c)
- Communicating data and data evaluation results to the public (Q1d)

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Risk Assessment/Risk Management of Existing Chemicals (Q2)

We are seeking advice on:

- How to identify and implement the best mix of regulatory and voluntary options to achieve sufficient and timely risk assessment and risk management actions for existing chemicals?
- What opportunities exist for partnership with industry, non-governmental organizations, States, Tribes and others?

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Risk Assessment/Risk Management of Existing Chemicals (Q2)

Risk Assessment Actions

- Regulatory authority
 - TSCA Section 4 (test rules and ECAs)
 - TSCA Section 8
- Voluntary submissions (HPV Challenge Program/VCCEP)

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Risk Assessment/Risk Management of Existing Chemicals (Q2)

Risk Management Actions

- PCBs, asbestos, lead through statute [TSCA § 6, TSCA Titles II and IV]
- Other TSCA § 6 regulatory actions
 - Initiated nine actions, completed six
- Significant new uses rules [TSCA § 5 (a) (2)]
- Other chemicals of national concern (dioxin, mercury)
- Voluntary actions (PFOS/PFOA)

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New Chemicals Program (Q3)

We are seeking advice on how the U.S. can enhance its new chemical assessment and management scheme based on national and international experience.

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New Chemicals Program (Q3)

- Premanufacture notice
- EPA review based largely on structure-activity relationships (SARs) and proposed use, production, and exposure/release information
- EPA determines if need to prohibit or limit manufacturing, importing, processing or use pending development of needed information
- After EPA review, if manufacturing or importing commences, EPA is notified (~50% of PMNs)

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New Chemicals Program (Q3)

- Consideration of international new chemical regulatory processes are key since chemicals are a global business
- There are various approaches at play around the world to address new chemicals
- Objective of the OECD New Chemicals Task Force is to increase cooperation and efficiency of new chemical notification and assessment systems in the global market.

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Pollution Prevention (P2) (Q4)

We are seeking advice on how to increase the use of pollution prevention in managing risks of chemicals

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Pollution Prevention (P2) (Q4)

- Use of TSCA authority (e.g., TSCA § 5 (a) (2) – significant new use rules)
- Enhancement of environmental stewardship in designing new chemicals and in making choices among existing chemicals
- Better integration of existing tools and approaches
- Incentives
- Product stewardship program

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Partnerships with States and Tribes (Q5)

We are seeking advice on....

- What opportunities exist for States and Tribes to assume a greater partnership role in furthering the goals of the national program?
- What roles would be optimal for States and Tribes?
- Are there more effective ways to share chemical data with the States and Tribes?

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Partnerships with States and Tribes (Q5)

OPPT coordination with States and Tribes occurs primarily through

- FOSTTA partnership
- P2 Grant Program
- Lead Program

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Future Directions for OPPT (Q6)

We are seeking advice on

- What challenges and opportunities face OPPT in managing and reducing chemical risks over the next 20 years? How can we best prepare over the next 5-10 years?
- How might the increased international interest and activities of governments, industry, and NGOs in chemicals management impact domestic approaches for reducing and preventing chemical risk?

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OPPT Proposes the Following Issues as Initial Priorities for NPPTAC Consideration

- HPV Program Issues (Q1)
 - Prioritizing the HPV data (Q1a)
 - Making the data available and useable to technical audiences (Q1c)
 - Communicating data and data evaluation results to the public (Q1d)
- Pollution Prevention (P2) Issue (Q4)
- Partnerships with States/Tribes (Q5)